

WHAT IS CLAIMED IS:

1. An RF shield for MRI systems, wherein an RF shield is grounded via a capacitor.
2. An RF shield according to Claim 1, wherein a capacitance of a capacitor connected to a ground closest to the earth ground is set to the smallest value.
3. An RF shield according to Claim 1, wherein a capacitance of a capacitor is 1000 pF or more.
4. An MRI system having an RF shield thereof grounded via a capacitor.
5. An MRI system according to Claim 4, wherein a capacitance of a capacitor connected to a ground closest to the earth ground is set to the smallest value.
6. A vertical field-type MRI system, wherein an upper RF shield is grounded via capacitors at four or more points whose directions are different from one another by an equal angle, and a lower RF shield is grounded via capacitors at four or more points whose directions are different from one another by an equal angle.
7. An MRI system according to Claim 5 or Claim 6, wherein a capacitance of a capacitor is 1000 pF or more.